LAND APPLICATION SITE RICHARD T HITE, Jr. SITE LURTH 1-13 LUNENBURG COUNTY

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APP	LICATION AGREEMEN	T - BIOSOLIDS AND IN	IDUSTRIAL RESIDUALS
here as "Landowner", and premains in effect until it is to the Landowner in the event individual parcels identified	Recyc Systems, Inc erminated in writing by either of a sale of one or more pa	, referred to here as the "Per er party or, with respect to arcels, until ownership of a , those parcels for which o	those parcels that are retained by ill parcels changes. If ownership o wnership has changed will no
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real prop or reclamation sites identif	erty located in LuneNBuRied below in Table 1 and id	ec., Virginia, which includes dentified on the tax map(s)
Table 1.: Parcels aut	horized to receive biosolids	, water treatment residuals	s or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	<u>Tax Parcel ID</u>
TM 46(A), P19	48(A),P56		
TM 47 (4) . P 13			
TM 60(A), P28			
TM60(A), P28A			
TM60(A), P31			
☐ Additional parcels containing Lan	d Application Sites are identified o	n Supplement A (check if applica	ble)
Check one: The state of the s	e Landowner is the sole ow e Landowner is one of mult	ner of the properties identi iple owners of the properti	fied herein. es identified herein.
 Notify the purchase later than the date. Notify the Permittee. The Landowner has no other notify the Permittee immediate. 	of the property transfer; and e of the sale within two wee er agreements for land ago	able public access and cro t ks following property trans ication on the fields identif uch that the fields are no t	ied herein. The Landowner will onger available to the Permittee
agricultural sites identified a inspections on the land iden	nts permission to the Permi above and in Exhibit A. The ntified above, before, during appliance with regulatory req	e Landowner also grants po g or after land application o	ermission for DEQ staff to conduct of permitted residuals for the
		Food processing waste	Other industrial sludges
⊠ Yes □ No ⊠ Ye	es 🗆 No	☑ Yes ☐ No	☑ Yes □ No
0/0/19	- ///		
Munad HIA	U)r Klefre	1 pp	
Landowner - Printed Name, Title	e Signature	liebili (h. 1961). Tanta kan 1984 til 1985 til 1	Mailing Address & Phone Number
Permittee: Recyc Systems, inc., the	Permittee, agrees to apply bio	solids and/or industrial residu	als on the Landowner's land in the identified in the nutrient management
plan prepared for each land as	polication field by a person cer	tified in accordance with §10.	1-104.2 of the Code of Virginia.
The Permittee agrees to notify	the Landowner or the Landow	ner's designee of the propos	ed schedule for land application and e the source of residuals to be applied
☐ I reviewed the document(s)		o the person signing for land	owner above. I will make a copy of this
	A C	DO 500 560	Remington, Virginia 22734
Permittee – Authorized Represe	intative Signature	FU BUX 302	Mailing Address
Printed Name			•

Page 1 of 2

Perm	ittee: R	ecyc Systems.	Inc	County or Ci	ty: <u>LUNEUS</u>	zvec Co.	
_and	owner: R	CHARD T.	HITE, JR.	<u>.</u>			
Land	downer Site	e Managemen	t Requirements	s:	•		
i. the	Landowner, I i	nave received a E lids, the compone	EQ Biosolids Fact that of biosolids and	Sheet that includes proper handling an	a latia application	•	
l have identi	e also been ex fied below mu	pressly advised b st be complied wi	y the Permittee that th after biosolids have entation of these pra	the site management we been applied on ctices.	ent requirements a my property in ord	nd site access res ler to protect public	
l agre	e to implement	nt the following sit	e management prac	tices at each site u			
1.			move any signs pos unless requested b	ited by the Permitte y the Permittee, un	e for the purpose (til at least 30 days	of identifying my fic after land applicat	eld as a ion at that site
2.	Public Acces	dic access to land	I with a high potention	al for public exposu	re shall be restricte	ed for at least one	year following
	b. Put app	ilication of biosoli	with a low potential is. No biosolids am	engeg sou snau de visions are made t	a prevent number ex	mosure to soil, dus	its or aerosols;
	c. Tur who		there biosolids are a turf is placed on eith				
3.	not	od crops with han be harvested for	vested parts that tou 14 months after the vested parts below t	application of bloss	olios. nd shall not be har	vested for 20 mon	ths after the
	ap;	olication of biosoli onths prior to incom	ds when the biosolic poration into the so rested parts below the land surface for	is remain on the lat it, he surface of the la	nd shall not be har	vested for 38 mon	ths when the
	d. Oth e. Fe		d fiber crops shall not be harvested for 30	ot be baryested tot	an davs aner me a	DDIICAUON OI DIOSO	nus,
4 .	Followin a. Me	at producing lives	s: cation to pasture or stock shall not be graz als shall not be graz be restricted from gr	azec for 30 days. sed for a minimum (of 60 days.	•	
5.	Supplement applications developed to	tal commercial fer such that the total by a person certifi	tilizer or manure ap al crop needs for nu ed in accordance wi	plications will be co trients are not exce th §10.1-104.2 of th	eded as identified in a Code of Virginia	in the natient man :	agement plan
მ.	Tobacco, be		n shown to accumul n of biosolids or ind	ate cadmium, shou	ld not be arown on	the Landowner's I	and for three ing 0.45
	//	had he	45				
	Landowner	s Signature		:		Date	
						•	
		me			17.19:2 A 1.4	O Division Alicentes	
	Farm Oper	ator Signature			walling Addres	s & Phone Number	

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

TAINT DEVI. LAND AFF	LICATION AGREEMEN	AT - DIOSOFIDS AND IN	ADOSTRIAL RESIDUALS
remains in effect until it is t the Landowner in the even	erminated in writing by eith t of a sale of one or more p in this agreement change:	er party or, with respect to parcels, until ownership of a s, those parcels for which o	referred to referred to referred to referred to remittee. This agreement those parcels that are retained by all parcels changes. If ownership of wnership has changed will no nent.
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real prop or reclamation sites identi	perty located in <u>Lບຍ Fມ8ບ</u> fied below in Table 1 and id	26 Co , Virginia, which includes dentified on the tax map(s)
Table 1.: Parcels aut	horized to receive biosolid	s, water treatment residuals	or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
TM 60(A), P28			
TM 60(A) P 28A	i		-
TM 48(A) P 56			1
Additional parcels containing Lan	d Application Sites are identified	on Supplement A (check if applica	ble)
Check one: ☐ Th	e Landowner is the sole ov e Landowner is one of mul	vner of the properties identi tiple owners of the propertie	fied herein. es identified herein.
within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permitter The Landowner has no other notify the Permittee immediate.	est date of biosolids applica or or transferee of the application of the property transfer; and e of the sale within two wester agreements for land applicately if conditions change:	ation, the Landowner shall: cable public access and cro d eks following property trans dication on the fields identified such that the fields are no to	ied herein. The Landowner will onger available to the Permittee
for application or any part of incorrect.		• • • • • •	
The Landowner hereby gra agricultural sites identified a inspections on the land idea purpose of determining con	above and in Exhibit A. The ntified above, before, during	e Landowner also grants pe g or after land application o	ermission for DEQ staff to conduct for the
Class B biosolids Wate ☑ Yes ☐ No ☑ Ye		Food processing waste ☑ Yes ☐ No	Other industrial sludges 図 Yes
Landowner - Printed Marne, Title	Signature	effetito 9	331 SOUTH HOURS (434) (78 Mailing Address & Phone Number
Permittee: Recyc Systems, Inc., the manner authorized by the VPA plan prepared for each land an	Permit Regulation and in am	ounts not to exceed the rates	als on the Landowner's land in the identified in the nutrient management 1-104.2 of the Code of Virginia.
The Permittee agrees to notify specifically prior to any particu	the Landowner or the Landow lar application to the Landow	wner's designee of the propose ner's land. Notice shall include	ed schedule for land application and the the source of residuals to be applied.
☐ I reviewed the document(s) document(s) available to DEQ	assigning signatory authority for review upon request. (Do	to the person signing for lando not check this box if the landowne	wner above. I will make a copy of this r signs this agreement)
Shako	atation Circulus	PO Box 562 l	Remington, Virginia 22734 Mailing Address
Permittee – Authorized Represe Printed Name			moning modecas

Page 1 of 2

		Davis Systems Inc	County or City: LUNENBURG CC.
ermit	ttee:	Recyc Systems, Inc	-
ando	wner	MINDY HITE	
.and	owner	Site Management Requirements	s:
			Sheet that includes information regarding regulations governing the lar proper handling and land application of biosolids.
have dentifi	also bed ed belov	en expressly advised by the Permittee that we must be complied with after biosolids had been presented in these presentation of these presentations.	t the site management requirements and site access rosmotions are been applied on my property in order to protect public health, and actices.
agrea	to impl	ement the following site management prac-	ctices at each site under my ownership to howing the land appropriate
1.		tion Signs: I will not remove any signs po is land application site, unless requested t	sted by the Permittee for the purpose of identifying my field as a by the Permittee, until at least 30 days after land application at that site
2.	Public A	Access Public access to land with a high potenti	al for public exposure shall be restricted for at least one year following
	b.	any application of biosolids. Public access to land with a low potential application of biosolids. No biosolids an same period of time unless adequate pr	al for public exposure shall be restricted for at least 30 days following a nended soil shall be excavated or removed from the site during this ovisions are made to prevent public exposure to soil, dusts or aerosols applied shall not be harvested for one year after application of biosolid her land with a high potential for public exposure or a lawn, unless
3.	ò. c.	not be harvested for 14 months after the Food crops with harvested parts below application of biosolids when the biosoli months prior to incorporation into the so Food crops with harvested parts below biosolids remain on the land surface for	ids remain on the land surface for a time period of four (4) or more
4.	Fo a. b.	ock Access Restrictions: billowing biosolids application to pasture or Meat producing livestock shall not be g Lactating dairy animals shall not be gra Other animals shall be restricted from g	razed for 30 ddys, ized for a minimum of 60 days. grazing for 30 days:
5.	applica	ations such that the total crop needs for ni uped by a person certifled in accordance w	oplications will be coordinated with the biosolids and industrial residual utrients are not exceeded as identified in the nutrient management plan with §10.1-104.2 of the Code of Virginia:
ō.	VESTS	ico, because it has been shown to accumi following the application of biosolids or inc Is/acre (0.5 kilograffis/hectare).	ulate cadmium, should not be grown on the Landowner's land for three dustrial residuals which bear cadmium equal to or exceeding 0.45
	M	inde / Hite	8-30-13

Farm Operator Signature

FURISI DE ISIUNICIPAL EFFLUENT AND BIUSULIUS

PART D-VI: LAND AP	PLICATION AGREEME	NT - BIOSOLIDS AND IN	
here as "Landowner", and remains in effect until it is the Landowner in the ever individual parcels identified	Recyc Systems, Inc terminated in writing by eith it of a sale of one or more p d in this agreement change	, referred to here as the "Pener party or, with respect to t	hose parcels that are retained by I parcels changes. If ownership of vnership has changed will no
Landowner: The Landowner is the own the agricultural, silvicultural attached as Exhibit A.	er of record of the real prop Il or reclamation sites identi	perty located in <u>ໄປພ∈ル8ບຂ</u> fried below in Table 1 and ide	ر کے کی Virginia, which includes entified on the tax map(s)
Table 1.: Parcels au	thorized to receive biosolid	s, water treatment residuals	or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
TM 60 (A), P31	<u> </u>		
TM 47(4), P13	:		
Additional parcels containing La	nd Application Sites are identified	on Supplement A (check if applicat	le)
Check one: 🗹 Tr	ne Landowner is the sole over ne Landowner is one of mul	vner of the properties identif tigle owners of the propertie	ied herein. s identified herein.
within 38 months of the late 1. Notify the purchas later than the date 2. Notify the Permitte	est date of biosolids applicate or transferee of the application of the property transfer, and e of the sale within two were	ation, the Landowner shall: cable public access and crop d eks following property transfe	
notify the Permittee immed	iately if conditions change:	such that the fields are no lo invalid or the information he	ed herein. The Landowner will nger available to the Permittee rein contained becomes
agricultural sites identified inspections on the land ide	above and in Exhibit A. Th ntified above, before, durin	uittee to land apply residuals e Landowner also grants pe g or after land application of quirements applicable to suc	rmission for DEQ staff to conduct permitted residuals for the
Class B biosolids Wate	er treatment residuals es □ No	Food processing waste ☑ Yes ☐ No	Other industrial sludges ☑ Yes ☐ No
PichAre T. HO	& Restal	1.74to 745 F	Mailing Address & Phone Number 23949 -676-8569 Is on the Landowner's land in the
Landowner - Printed Name, Titl	e Signature	e e i libera sejmente i sakatal	Mailing Address & Phone Number 2 3477/
Permittee:	•	434	-676-8569
	Permittee, agrees to apply big	solids and/or industrial residua	s on the Landowner's land in the
manner authorized by the VP	A Permit Regulation and in am	ounts not to exceed the rates in tified in accordance with §10.1-	lentified in the nutrient management
The Permittee agrees to notify specifically prior to any particular to any particula	the Landowner or the Landown to the Landown	wner's designee of the proposed ner's land. Notice shall include t	d schedule for land application and the source of residuals to be applied
		to the person signing for landov not check this box if the landowner	rner above. I will make a copy of this signs this agreement)
Struck		PO Box 562 R	emington, Virginia 22734
Permittee – Authorized Represe Printed Name		9	Mailing Address

Page 1 of 2

Permittee: Recyc Systems. Inc	County or City: LUNEOBURG CO.
Permittee: Recyc Systems. Inc	
Landowner: RICHARD T. HITE (SR.)	

Landowner Site Management Requirements:

Lithe Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, units at least 30 days after land application at that site is completed.

2 Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days.
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- 5. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

pounds/acre (0.5 kilograms/nectare)	• '	· •		
	1 1		· 4	
(Kell THita	/(", -(13.11	Nual}	
Broke I TIM				
The Circletting			// Date	
Landowner's Signature				
$oldsymbol{I}$	4 - 4		•	

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:	Recyc Systems, Inc.	 Site Name: <u>Richard T. Hite, Jr.</u>
County or City	: Lunenburg Co.	
Please Print		Signature not required on this page
	-	

Tax Parcel ID(s)	<u>Landowners (s)</u>
TM46(A),P19	Richard T. Hite, Jr.
TM47(4),P13	Richard T. Hite, Jr., Richard T. Hite, Elna B. Wallace
TM60(A),P28,28A	Richard T., Jr. & Mindy Hite
TM60(A),P31	Richard T. Hite, Jr. & Richard T. Hite, Sr.
48 (A) 56	Richard T., Jr. & Mindy Hite
	*

Richard T. Hite, Jr. Site

Lunenburg County

Owner List

Richard T. Hite, Jr.

TM46(A),P19

9331 South Hill Road

TM47(4),P13

Kenbridge, VA 23944

TM60(A),P28,28A,31

434-294-2503

TM 48(A). P56

Mindy Hite

TM60(A),P28,28A

TM 48(A), P 56

9331 South Hill Road

Kenbridge VA, 23944

434-294-2503

TM60(A),P31

TM 47 (4), P13

Richard T. Hite, Sr.

745 East 5th Avenue

Kenbridge, VA 23944

434-676-8569

FARM DATA SHEET

SITTE NAME: Richar	Richar d T. Hite, Jr.	COUNTY:	Lunenburg Riidhand T, Hite, Jr.				
OWNER: Se	Se e Attached	OPERATORR					
OWNERS		OPERATORS	9331 South Hill Road				
ADDRESSS	•	ADDRESSS	Kembridge, VA 23944				
OWNER'S TELEPHONGE		OPERATOR'S TELEPHONIE	434-294-2503				
GENERAA FARM _ Type:	Soybean, Wheat	CELLLAPHOONE					
# CATITUEE non	none	EMAIL:					
LAGOON or SLURRY	'nomone	LATIITUDE 1-7 LONGITUDE	36 ⁹ 54' 48" 78 ⁹ 05' 25"				
TOPO QUAD: we**	Kenbridge East, Kenbridge West	8-13	36 ⁸ 55' 43″ 78 ⁸ 09' 58″				
COMMENTS							
*Elna B. Wall	ace is now deceased	, Richard T. H	tite and Richard T.				
Hite Jr. inh	erited her share of	the land *					
Farm Operation	aware of those or restrict	tion. Pany to not	ate fields into hay.				
			e				

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Envire	ommentally Se		Tax	FSA			
Identiffication	Acres	Watter Talble	Bed Rock/Shallow	Surf/Leeach	Freq Flood	Hydro Map	Map#	Tract#	
LURTH 1	15.0	_	-	-	· <u>-</u>	CM10	TM60(A),P28	T1618 Field 3	
LURTH 2	3.9	-	-	-	-	CM10	TM60(A),P28	T1618 Field 8	
LURTH 3	28.7	10B(Jan-Apr)	-	-	-	CM10	TM60(A),P28	T1618 Fields 1,6	
LURTH 4	12.6	-	-	-	-	CM 110	TM60(A),P28	T1618 Field 2	
LURTH 5	19 .9	-	-	-	-	CM10	TM60(A),P31	T268 Fields 1,2	
LURTH 6	10.1	<u>-</u>	-	-		CM10	TM60(A),P31	T268 Field 1	
LURTH 7	2.4	• •	-	-	-	CM10	TM60(A),P31	T268 Field 3	
LURTH 8	6,6	24B(Nov-Apr)	-	-	-	CM10	TM47(4),P13	T331 Field 10	
LURTH 9	6.4	24B(Nov-Apr)	-	-	-	CM10	TM47(4),P13	T331 Field 9	
LURTH 10	10 .9	-	-	-	-	CM10	TM47(4),P13	T331 Field 4	
LURTH 11	27.7	24B(Nov-Apr)	-	-	<u>-</u>	CM10	TM46(A),P19	T616 Field 3	
LURTH 12	2.7	-	-	-	-	CM10	TM46(A),P19	T616 Field 2	
LURTH 13	10 .0	<u>.</u>		-	-	CM10	TM46(A),P19	1616 Field 1	
TOTAL ACRES IN SITE	156.9								

Page 1 of 6

Report Number: 13-197-0502 Account Number: 70594 PL.
www.abastem.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:
RICHARD T HITE/LURTH
LUNENBURG CO

Submitted By: CHARLES CARLO

Farm ID:

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 07/16/2013

Date Of Analysis: 07/17/2013

Date Of Report: 07/18/2013

CI- ID	Lab Number	Or	ganic Ma	tter		Phos	phorus		Pota	ssium	Mag	neslum .	Ca	lclum	Sodium		ЭΗ	Acidity	C.E.C
Sample ID Field ID		% o	Rate	ENR Ibs/A		nlich 3 at Rate		serve Rate	ppm	K Rate	ppm	Mg Rate	ppm	Ca Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
1	14136	1.5	L	76	150	VH			106	Н	65	н	372	M		6.3	6.90	0.3	3.0
2	14137	2.9	INAV	101	39	М		-	69	L	121	н	562	М		5.7	6.82	1.1	5.1
3	14138	11.7	L	. 79	83	Н			43	L	77	Н	486	Н		6.5	6.90	0.3	3.4
4	14139	11.4	L	73	105	н			81	М	89	Н	364	М		6.0	6.88	0.5	3.3
5	14140	2.5	L	94	69	Н			80	М	79	Н	462	М		5.7	6.85	0.8	4.0

.	T	Dorco	nt Base	Saturati	ion	Mite	ate	6.	lfur	7.	nc	Mana	anese			C		- Ba		Soluble	Calle	Chic	-1-1-	Aluminum
Sample ID Field ID	K %	Mg %	Ca %	Na %	н %	+), N		S	 	'n		n	,	on Fe Rate	Cop ppm	ш	ppm		SS ms/cm		0		Al
1	9.1	18.1	62.0		10.5		•						•											
2	3.5	19.8	55:1		20.9										*	,			•••••					
3	3.2	18.9	71.5		7.5											,								
4	6.3	22.5	55.2		15.3														. =					
5	5.1	16.5	57.8		21.2			,																

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very-Low), L (Low), M (Medium), H (High), VH (Very High), ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric Me George

Page 2 of 6

Report Number: 13-197-0502 Account Number: 70594 MWW.eleastern.com

A&L Eastern Laboratories
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-8446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: CHARLES CARLO

Farm ID:

RICHARD T HITE/LURTH LUNENBURG CO

Date Received: 07/16/2013

Date Of Report: 07/18/2013

SOIL FERTILITY RECOMMENDATIONS

· · · · · ·	Total Of Haparit of Hazard	 -		1						, ,		1	
Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P ₂ O ₈ Ib/A	Potash K <u>i</u> O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn Ib/A	Manganese Mn (b/A	Iron Fe Ib/A	Copper Cu lb/A	Boron B Ib/A
1	Adjust pH to 6:8	0	1.0				15				,		
2	Adjust pH to 6.8	0	1.5				0	•					
3	Adjust pH to 6:8	0	1.0				3						
4	Adjust pH to 6.8	0	1.3				0						
5	Adjust pH to 6.8	0	1.5				1						

Comments:

Sample(s): 3,5 Crop: Adjust pH to 6.8

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Our reports and letters are for the exclusive and confidential use of our clients,, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public annuncements without obtaining our prior written authorization. Copy right 1977.

Page 3 of 6

10

Report Number: 13-197-0502 Account Number: 70594 MWW.aleasem.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-8401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

14146

2.0

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: CHARLES CARLO

5.9

6.88

0.5

3.0

Farm ID:

RICHARD T HITE/LURTH LUNENBURG CO

SOIL ANALYSIS REPORT

Analytical Method(s):

М

Mehlich 3

Date Received: 07/16/2013

Date Of Analysis: 07/17/2013

122

VΗ

Date Of Report: 07/18/2013

64

Organic Matter Phosphorus Potassium Magnesium Calcium Sodium pН Acidity C.E.C Sample ID Lab **ENR** Mietilich 3 K Ma Ca Buffer н Reserve Na Soil Field ID Number Rate Ibs/A pН Index ppm Rat Rate ppm Rate ppm Rate | ppm Rate ppm Rate ppm Rate meq/f00g meq/100g 6 113 н 48 44 М 210 14141 1.7 L 80 5.1 6.84 0.9 2.5 122 VH 28 VL | 25 М 138 14142 1.1 L 70 4.9 6.85 0.8 1.7 52 80 M 82 н 393 М 14143 1.8 L 81 5.6 6.84 0.9 3.7 9 41 М 74 M 102 н 488 М 14144 2.2 88 5.8 6.85 8.0 4.3

L 72

H 339

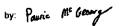
						L																	
01-10		Perce	nt Base	Saturati	øn	Nitrate	Su	lfur	Zi	nc	Mang	anese	lr	on	Сор	per	Во	ron	Soluble	e Salte	Chie	oride	Aluminun
Sample ID Field ID	K %	Mg %	Ca %	Na %	H %	NO,N ppm RaRate		S Rate	Z ppm	n Rate	N ppm	In Rate	ppm	Fe Rate	ppm C		ppm	3 Rate	S: ms/cm			CI Rate	Al ppm
6	4.9	14.7	42.0		37.1																		
7	4.2	12.3	40.6		44.7													<u> </u>		·.·			
8	5.5	18.5	53.1	·	23.4																		
9	4.4	19.8	56.7		19.0															_			
10	5.5	20.0	56.5		17.0										<u> </u>			_		· ·			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.



Page 4 of 6

Report Number: 13-197-0502 Account Number: 70594



A&L Eastern Laboratories
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: CHARLES CARLO

Farm ID:

RICHARD T HITE/LURTH LUNENBURG CO

Date Received: 07/16/2013

Date Of Report: 07/18/2013

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P ₂ Q ₅ Ib/A	Potash K½O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn Ib/A	Manganese Mn Ib/A	fron Fe ib/A	Copper Cu lb/A	Boron B Ib/A
6	Adjust pH to 6.8	0	1.8				36						
7	Adjust pH to 6.8	0	1.8				55						
8	Adjust pH to 6.8	0	1.8				0						
9	Adjust pH to 6.8	0	1.5				0						
10	Adjust pH to 6.8	0	1.5				8						

Comments:

Sample(s): 7 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

Sample(s): 7,10 Crop: Adjust pH to 6.8

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Our reports and letters are for the exclusive and confidential use of our clients,, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public annuncements without obtaining our prior written authorization. Copy right 1977.

Pauric Mc George

Page 5 of 6

Report Number: 13-197-0502 **Account Number: 70594**

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 28237 (804) 743-8401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC.

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701**

Grower:

Submitted By: CHARLES CARLO

Farm ID:

RICHARD T HITE/LURTH

LUNENBURG CO

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 07/16/2013

Date Of Analysis: 07/17/2013

Date Of Report: 07/18/2013

		Or	ganic Ma	atter	Phosphorus			Pot	Potassium		Magnesium		lcium	Sodium	p	Н 🗸	Acidity	C.E.C
Sample ID Field ID	Lab Number	%	Rate	ENR Ibs/A		Nich 33 Rat Ratc e	Reserve ppm Rate	ppm	K Rate		Mg Rate	l	Ca Rate	Na ppm Rate	Soll pH	Buffer Index	H meq/100g	meq/100g
11	14147	2.2	· L	89	11227	VH		80	М	63	М	326	L		5.2	6.81	1.2	3.6
12	14148	2.9	M	100	63	н		85	Ľ	107	Н	542	М		5.4	6.78	1.5	5.3
13	14149	2.5	L	91	85	н		150	Н	126	н	727	M		6.0	6:84	0.9	6.0

		Percent Base Saturation			Nitrate		Sulfur		Zinc		Manganese		lr	оп	Сор	per	Во	ron	Soluble	Salts	Chlo	oride	Aluminum	
Sample ID Field ID	К	Mg	Ca	Na	Н	NO	N	;	S	z	п	·M			Φ	С			_	SS		1) 	Al
	%	- %	%	%	%	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ms/cm	Rate	ppm	Rate	ppm
11	5.7	14.6	45.3		34.0																			
12	4.1	16.8	51.1		28:5																		,	
13	6.4	17/5	60.6		15:4																			-

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meg/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salte ma/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

Page 6 of 6

Report Number: 13-197-0502

Account Number: 70594



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 [804] 743-9401 Fax [804] 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: CHARLES CARLO

Farm ID:

RICHARD THITE/LURTH LUNENBURG CO

Date Received: 07/16/2013

Date Of Report: 07/18/2013

SOIL FERTILITY RECOMMENDATIONS

Sample IID Field IID	Intended Copp	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P ₂ O ₅ Ib/A	Potash K ₂ O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe Ib/A	Copper Cu Ib/A	Boron B Ib/A
11	Adjust phHto 6086.8	О	1.8		·		17						
12	Adjust phHto 6585.8	O	2.0				0						
13	Adjust pH-to 6o86.8	0	1.3				0						

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

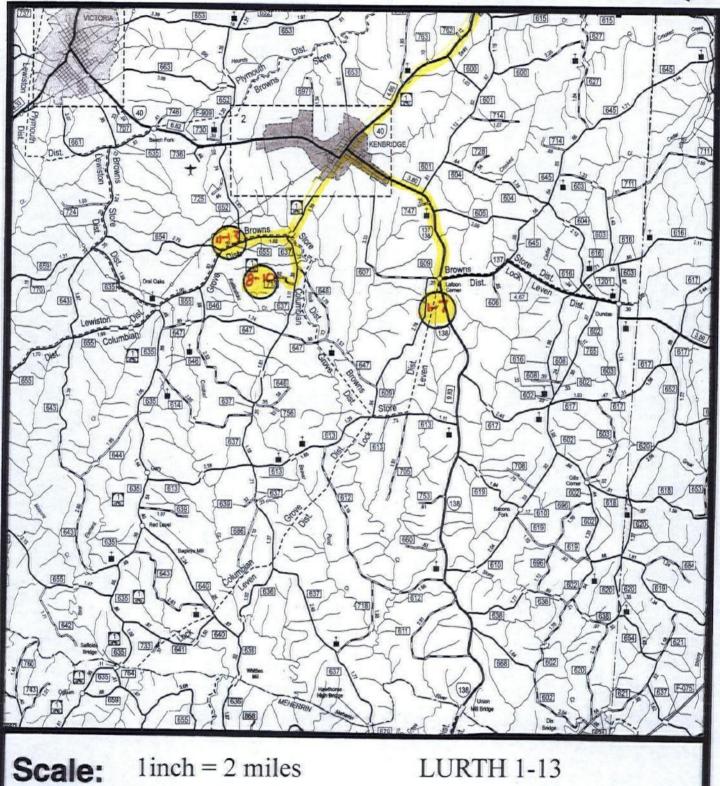
Our reports and letters are for the exclusive and confidential use of our clients,, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public anouncements without obtaining our prior written authorization. Copy right 1977.

Pauric Mc George

MAPS

(Biosolids Land Application)



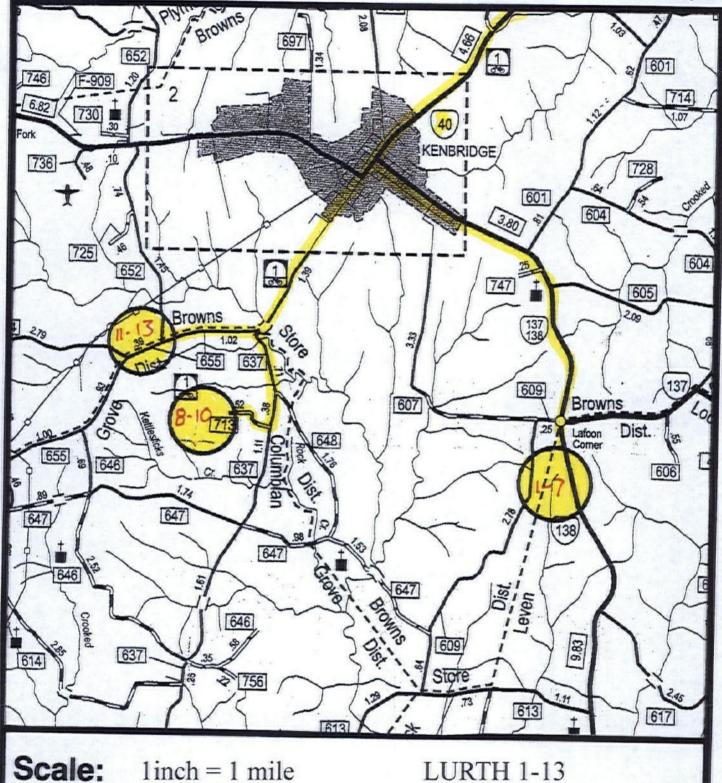


VICINITY MAP

NA

(Biosolids Land Application)



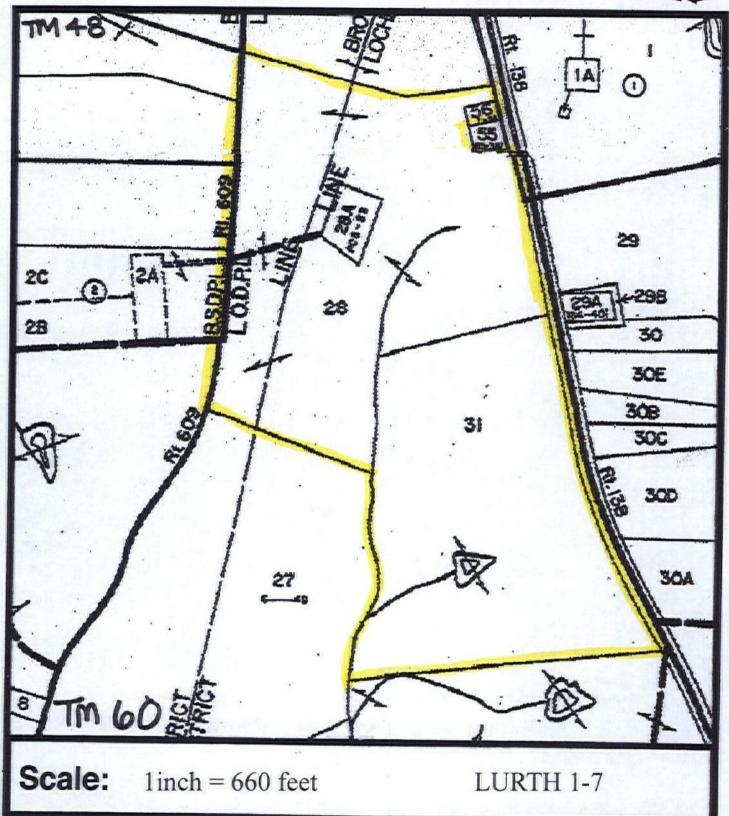


VICINITY MAP

N

(Biosolids Land Application)



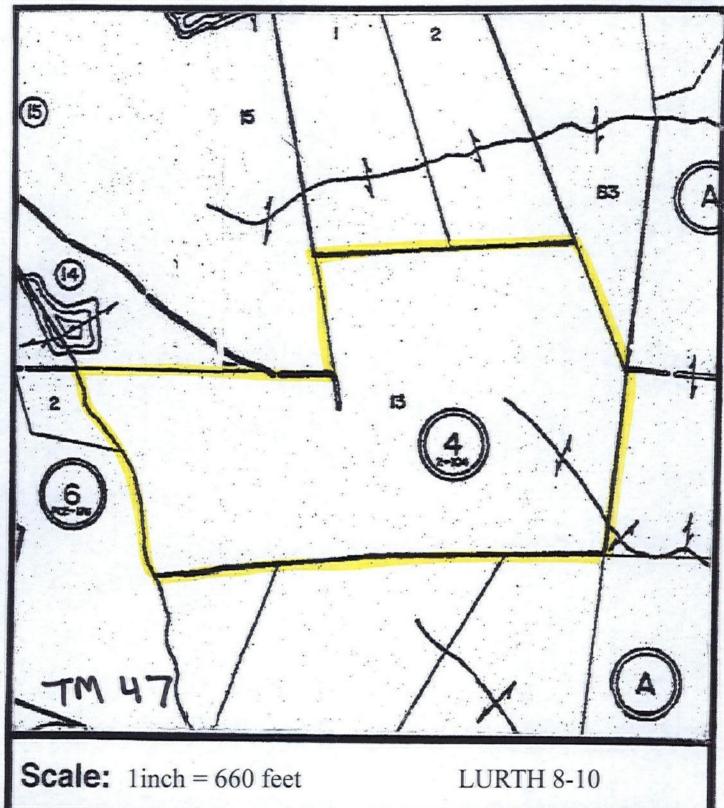


TAX MAP

NA

(Biosolids Land Application)



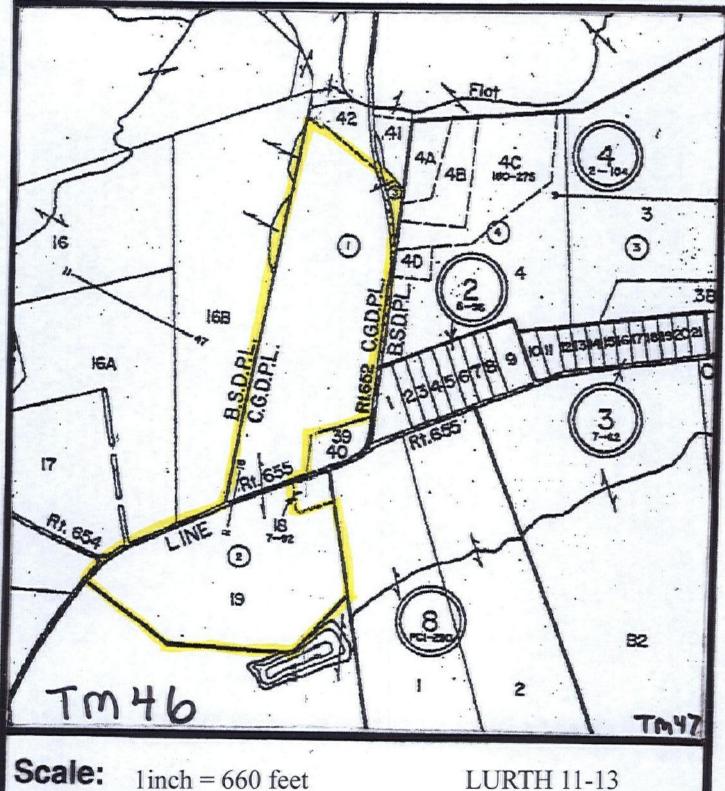


TAX MAP

NA

(Biosolids Land Application)





TAX MAP

XX

ADJOINING LANDOWNERS

Richard T. Hite, Jr.

LUNENBURG COUNTY

Tax Map	Parael#1	# Owner Name(s)
46(A)	16A	James Peleto
	163	Berry Pulter
	17	James CC&Wytail Wede
i	18	Andrew Green
	21	Thomas Finigan
	32	Ruth Hendnick
	38	Johnny Llong g
46(4)	5 .	Robert Crawley
	114	Dixie Lee Fearms
·	15	Bermice Bishop
47(A)	41	Jane Gee
47(2)	1.	Luther Drummond
47(4)	4A	Time Co.
17(1)	4B	Jane Gee Jane Gee
	4C	Jane Gee Jane Gee
	4D	Leon Wilkerson
	15	Bernice Bishop
47(8)	1 ,	Wiley P. or Carol F. Wallace
	2	Will R. or Gail S. Wallace
ľ		" In the or Guit 5. Wallace
48(A)	47	Baird Timberlands, LLC
ľ	54	Juanita Robbins
. 1	. 55	Mabel Lafoon
į.		·
· •		
j	ļ	

ADJOINING LANDOWNERS

Richard T. Hite, Jr.

LUNENBURG COUNTY

Tax Map	Parcel #	Owner Name(s)
48(4)	1	Afton Grove Associates, LLC
	2	Woodrow T. Conner
48(5)	1	Richard T., Sr. or Carolyn Hite
58(A)	66A	Johnny K. Long
- 0(1)		
59(A)	1A	Stephen P. or Wendy A. Lindberg
	3	Dorothy S. Martin
60(A)	. 6	C.L. Barnes, Jr,
· ,	27	Abigail Barnes
	29	Thomas A. Hart
	29A	Claretta Harris
	29B	Claretta Harris
	30	Thomas A. Hart
	30A	Joseph W. or Dallas B. Abernathy
	30B	Jay Johnson or Mary C. Irby
	30C	Carl Dexter Hancock
	30D	Kevin L. Abernathy
	30E	Anthony B. Wallace
	32	Ruby Oneil Hawkins
60(1)	2A	William A. Austin
. ,	2C	Willard E. or Donna C. Anderson
		·
	l	·
	ł	

Recyc Systems Inc.

(Biosolids Land Application)



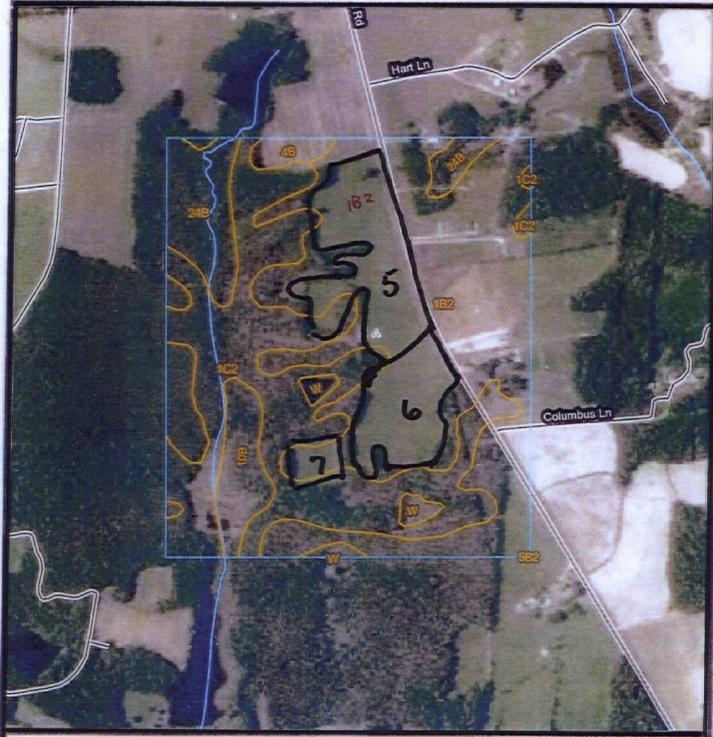


Scale: 1 inch = 660 feet

LURTH 1-4

(Biosolids Land Application)





Scale: 1inch = 660 feet

LURTH 5-7

(Biosolids Land Application)



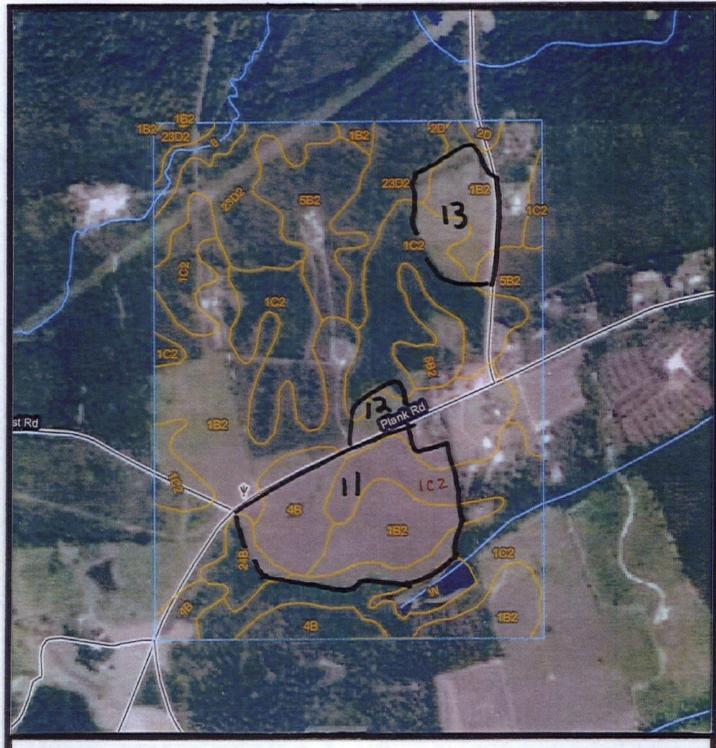


Scale: 1inch = 660 feet

LURTH 8-10

(Biosolids Land Application)





Scale: 1inch = 660 feet

LURTH 11-13

(Biosolids Land Application)





T 1618

Scale: 1 inch = 660 feet

LURTH 1-4

(Biosolids Land Application)





T 268

Scale: 1inch = 660 feet

LURTH 5-7

(Biosolids Land Application)





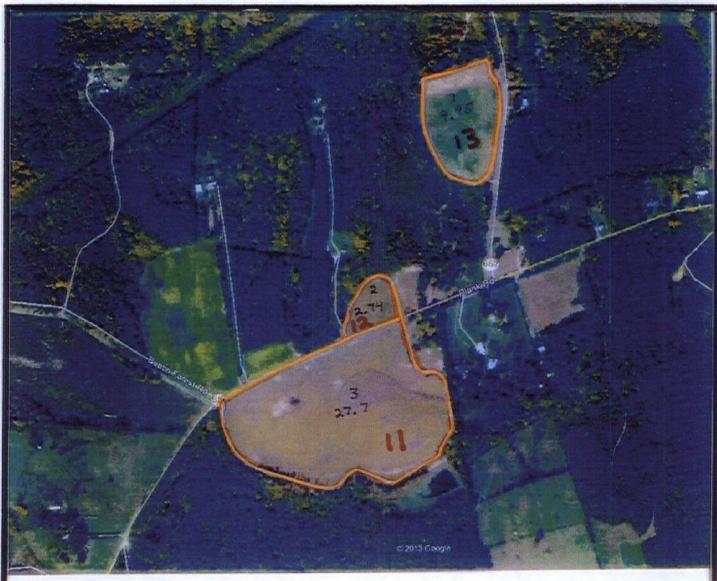
T 331

Scale: 1inch = 660 feet

LURTH 8-10

(Biosolids Land Application)





T 616

Scale: 1inch = 660 feet

LURTH 11-13

AERIAL MAP



Legend for Site Plan





House and Well/Public Building















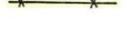
















Well/Spring

Perennial Streams & Surface

Wet Spot

Intermittent Stream/Drainage

Trees and Woods

Private Drive

Rock/Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary

Fence

Property Line

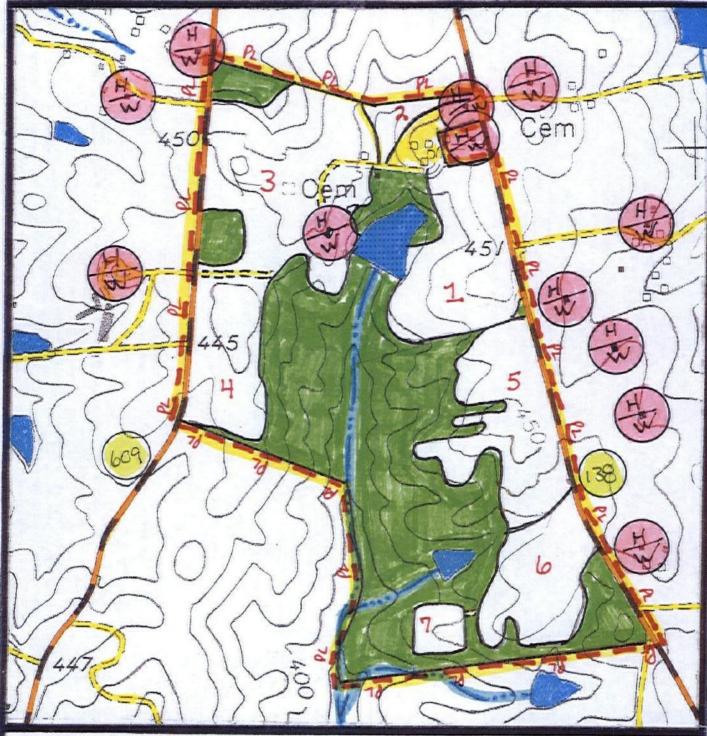
Slope

Frequent Flooding

Recyc Systems Inc.

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LURTH 1-7

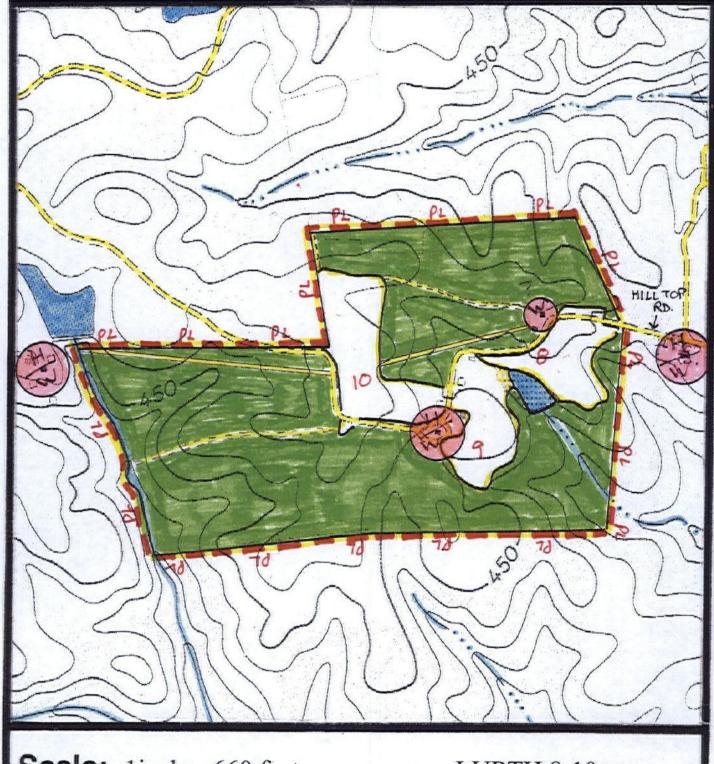
SITE PLAN

NA

Recyc Systems Inc.

(Biosolids Land Application)



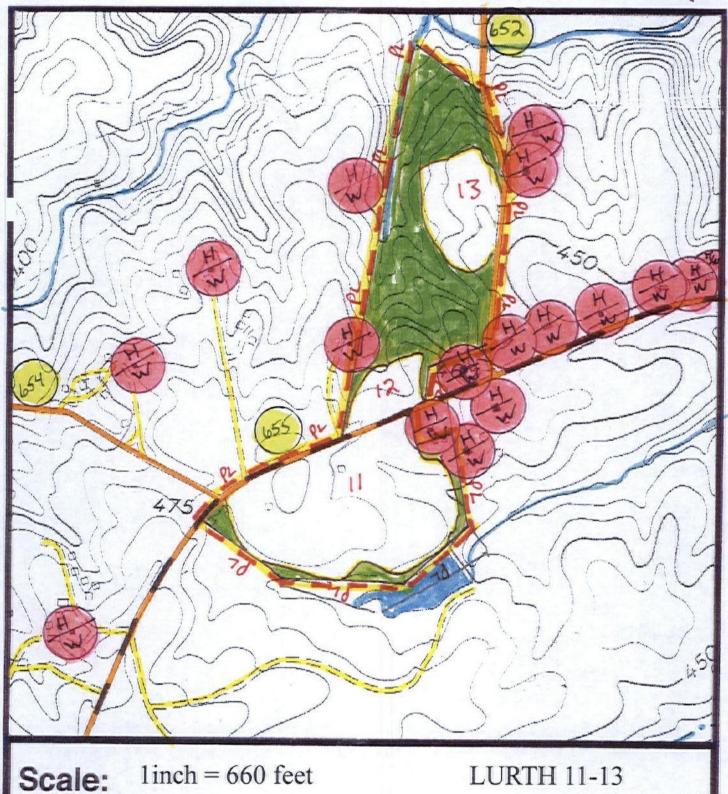


Scale: 1inch = 660 feet

LURTH 8-10

nc. (Biosolids Land Application)





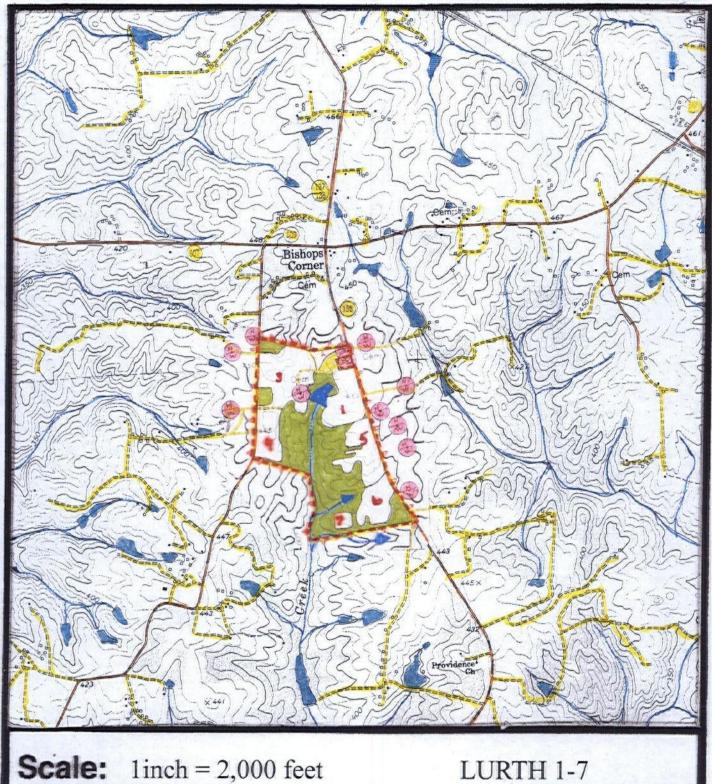
SITE PLAN

NA

Recyc Systems --

(Biosolids Land Application)



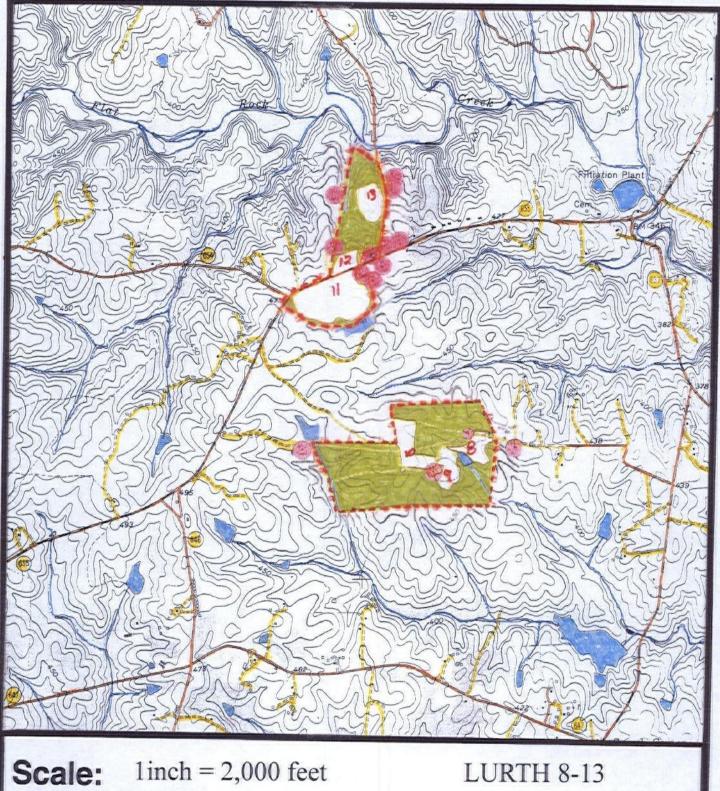


TOPOGRAPHIC MAP

Recyc Systems Inc.

(Biosolids Land Application)





TOPOGRAPHIC MAP